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Amendments to the Specification:

Please replace the paragraph beginning at line 24 on page 8 and ending at line 2 on Page 9 of the original application and shown as paragraph [0039] in the published application, with the following amended paragraph:

Thigh portion 14 is removable from second portion 18. For example, calf portion 24 is removably connected to thigh portion 14 via a perforated attachment 32, as will be discussed. This removable configuration advantageously reduces the bulk of compression apparatus 10 via facile manipulation to increase comfort and compliance to a subject. Compression apparatus 10 also provides a subject with increased mobility. It is envisioned that sleeve 12 may include flexible sections, such as, elastic or spandex materials, disposed between the portions to facilitate mobility of a limb during use. For example, in Fig. 1, the thigh portion 14 is connected to the calf portion 24 by a flexible section 80 of reduced width having a knee opening 81 therein.

Please replace the paragraph beginning at line 23 on page 11 and ending at line 5 on Page 12 of the original application and shown as paragraph [0050] in the published application, with the following amended paragraph:

After desired period of time for sequential compression elapses, e.g., recovery time, etc. pursuant to the requirements of a particular vascular therapy application, thigh portion 14 may be removed from second portion 18. Thus, sleeve 12 is convertible from the length extending from below the knee to above the knee, to a length extending solely below the knee. Sleeve 12 is manipulated such that thigh portion 14 is removed and torn completely from calf portion 24 via perforations 32 extending continuously across the flexible section 80 of the sleeve from adjacent one boundary edge of the sleeve to adjacent an opposite boundary edge of the sleeve at a location below the knee opening 81 in the sleeve, the first and second portions of the sleeve being located on opposite sides of the perforations, as shown in FIGS. 6A and 6B. Port 70, connected to tubing 68, is easily manipulated to quick disconnect from valve connector 28, as shown in FIG. 5B. The

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remaining portion of sleeve 12, second portion 18 including calf portion 24 and ankle portion 26, is stand alone and continues to operate as described above. This converts sleeve 12 from a full leg length apparatus to a knee length apparatus. Compression apparatus 10 may be employed to completion of a desired vascular therapy application. Other methods of use are also contemplated, for example, the thigh portion 14 may not be removed and remain with the sleeve 12.